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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/840,225	05/07/2004	Hong-Chi Chen	4658-021	9671

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BERKELEY LAW & TECHNOLOGY GROUP, LLP  
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EXAMINER
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HASAN, SYED Y.

ART UNIT	PAPER NUMBER
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2621

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

**Application No.**

10/840,225

**Applicant(s)**

CHEN ET AL.

**Examiner**

Syed Y. Hasan

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on 07 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1 - 16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 - 16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1 - 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Okada et al (2001/0043799) in view of Morinaga et al (US 6792000)

Regarding **claim 1**, Okada et al discloses an apparatus for retrieving data from a drive comprising:

- a box (figure 16, 70, para 0380, dvd recorder in a box)
- a signal import and export device installed in said box (figure 16, 70, para 0380)
- a playing platform for said box being inside said playing platform (figure 17, 70, para 0380, video data editing apparatus) and
- a decoding module connecting to and positioned inside said playing platform for outputting said data to a display facility (figure 17, 4, para 0383, MPEG decoder)

However, Okada et al does not disclose a detachable drive/box.

On the other hand Morinaga et al teaches a detachable drive/box (figure 9, 15, col 16, lines 1 – 4, detachable hard drive)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate a detachable box as taught by Morinaga et al in the system of

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Okada et al in order to provide a variety of detachable mediums with varied data formats.

Regarding **claim 2**, Okada et al discloses the apparatus, wherein said signal import and export device is an optical reading and writing device (figure 16, 70, para 0380)

Regarding **claim 3**, Okada et al discloses the apparatus, wherein said optical reading and writing device is a DVD writable drive (figure 16, 70, para 0380)

Regarding **claim 4**, Okada et al discloses the apparatus of claim 1, wherein said decoding module is a MPEG decoder (figure 17, 4, para 0383, MPEG decoder)

Regarding **claim 5**, Okada et al discloses the apparatus, wherein said display facility is a television (figure 16, 72, para 0391, tv monitor)

Regarding **claim 6**, Okada et al discloses the apparatus, wherein said data accessed by said optical reading and writing device is stored in a storage device (figure 17, 1d, para 0385, main storage)

Regarding **claim 7**, Okada et al discloses the apparatus, wherein said data contained in said storage device is transmitted to and recorded in an optical disk by said optical reading and writing device (figure 17, 3c, para 0390, drive mechanism)

Regarding **claim 8**, Okada et al discloses the apparatus, wherein a hard disc drive is connected to and positioned inside said box (figure 69a-d, para 0805, disk apparatus)

However, Okada et al does not disclose a detachable box.

On the other hand Werner et al teaches a detachable box (figure 2c, col 5, lines

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13 – 16, removable box)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate a detachable box as taught by Werner et al in the system of Okada et al in order to provide a variety of detachable mediums with varied data formats.

3. Claims 9, 10, 12 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Okada et al (2001/0043799) in view of Morinaga et al (US 6792000) and further in view of Yamauchi et al (US 2001/0016432)

Regarding **claim 9**, Okada et al discloses an apparatus for retrieving data from a drive comprising:

a data reading and writing drive to read and write said data stored in an optical disk (figure 16, 70, para 0380)

a box for holding said data reading and writing drive (figure 16, 70, para 0380)

a player for carrying said box connected to said data reading and writing drive for playing said data accessed by said data reading and writing drive (figure 17, 70, para 0380, video data editing apparatus) and

an encoding/decoding module for providing an encoding/decoding program required by said data reading and writing drive (figure 17, 2, 4, para 0383, MPEG encoder and decoder)

However, Okada et al does not disclose a detachable drive/box.

On the other hand Morinaga et al teaches a detachable drive/box (figure 9, 15, col 16, lines 1 – 4, detachable hard drive)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate a detachable box as taught by Morinaga et al in the system of Okada et al in order to provide a variety of detachable mediums with varied data formats.

The combination of Okada et al and Morinaga et al does not disclose a player for carrying said box on top of said player

On the other hand Yamauchi et al teaches a player for carrying said box on top of said player (figure 3, 50, para 0054 illustrates devices stacked on top of each other)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate a player for carrying said box on top of said player as taught by Yamauchi et al in the combined system of Okada et al and Morinaga et al in order to provide ease of disassembly and a variety of protocols.

Regarding **claim 10**, Okada et al discloses the apparatus, wherein said data reading and writing drive is a data writing device accompanying with said encoding/decoding program provided by said encoding/decoding module, for encoding said data into a data format and further to write into a CD (figure 17, para 0383)

Regarding **claim 12**, Okada et al does not disclose the apparatus, wherein said detachable box is piled up on the top of said player.

On the other hand Morinaga et al teaches a detachable drive/box (figure 9, 15, col 16, lines 1 – 4, detachable hard drive)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate a detachable box as taught by Morinaga et al in the system of

Okada et al in order to provide a variety of detachable mediums with varied data formats.

The combination of Okada et al and Morinaga et al does not disclose box is piled up on the top of said player

On the other hand Yamauchi et al teaches box is piled up on the top of said player (figure 3, 50, para 0054 illustrates devices stacked on top of each other)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate box is piled up on the top of said player as taught by Yamauchi et al in the combined system of Okada et al and Morinaga et al in order to provide ease of disassembly and a variety of protocols.

Regarding **claim 13**, Okada et al does not discloses the apparatus, wherein plurality of said detachable box are piled up together on the top of said player, one by one, in order to access data from the various sources and to simultaneously process said data and further to play and to write back in.

On the other hand Morinaga et al teaches a detachable drive/box (figure 9, 15, col 16, lines 1 – 4, detachable hard drive)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate a detachable box as taught by Morinaga et al in the system of Okada et al in order to provide a variety of detachable mediums with varied data formats.

The combination of Okada et al and Morinaga et al does not disclose wherein plurality of said box are piled up together on the top of said player, one by one, in order

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to access data from the various sources and to simultaneously process said data and further to play and to write back in.

On the other hand Yamauchi et al teaches wherein plurality of said box are piled up together on the top of said player, one by one, in order to access data from the various sources and to simultaneously process said data and further to play and to write back in (figure 3, 50, para 0054 illustrates devices stacked on top of each other)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate wherein plurality of said box are piled up together on the top of said player, one by one, in order to access data from the various sources and to simultaneously process said data and further to play and to write back in as taught by Yamauchi et al in the combined system of Okada et al and Morinaga et al in order to provide ease of disassembly and a variety of protocols.

4. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Okada et al (2001/0043799) in view of Morinaga et al (US 6792000) and further in view of Yamauchi et al (US 2001/0016432) and still further in view of Saeki et al (US 6597862)

Regarding **claim 11**, the combination of Okada et al, Morinaga et al and Yamauchi et al does not disclose the apparatus, wherein said data reading and writing drive is a DVD rewritable device

However Saeki et al teaches the apparatus, wherein said data reading and writing drive is a DVD rewritable device (figure 14, col 11, lines 1 – 7, DVD rewritable disk (DVD\_RAM disk))



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It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the apparatus, wherein said data reading and writing drive is a DVD rewritable device as taught by Saeki et al in the combined system of Okada et al, Morinaga et al and Yamauchi et al in order to be able to rewrite data on DVD.

5. Claims 14 - 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Okada et al (2001/0043799) in view of Morinaga et al (US 6792000) and further in view of Yamauchi et al (US 2001/0016432) and still further in view of Casazza (US 6150925)

Regarding **claim 14**, the combination of Okada et al and Yamauchi et al does not disclose the apparatus, wherein said detachable box connects to said player via an industrial transmission connector and protocol.

On the other hand Morinaga et al teaches a detachable drive/box (figure 9, 15, col 16, lines 1 – 4, detachable hard drive)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate a detachable box as taught by Morinaga et al in the system of Okada et al in order to provide a variety of detachable mediums with varied data formats.

The combination of Okada et al, Morinaga et al and Yamauchi et al does not disclose box connects to said player via an industrial transmission connector and protocol.

However Casazza teaches box connects to said player via an industrial transmission connector and protocol (figure 2, col 3, lines 16 – 25)

It would have been obvious to one of ordinary skill in the art at the time of the

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invention to incorporate box connects to said player via an industrial transmission connector and protocol as taught by Casazza in the combined system of Okada et al, Morinaga et al and Yamauchi et al in order to provide ease of use with an industry standard protocol.

Regarding **claim 15**, the combination of Okada et al, Morinaga et al and Yamauchi et al does not disclose the apparatus, wherein said industrial transmission connector and protocol is a I-1394 connector and protocol.

However Casazza teaches the apparatus, wherein said industrial transmission connector and protocol is a I-1394 connector and protocol (figure 2, col 3, lines 16 – 25)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the apparatus, wherein said industrial transmission connector and protocol is a I-1394 connector and protocol as taught by Casazza in the combined system of Okada et al, Morinaga et al and Yamauchi et al in order to provide ease of use with an industry standard protocol.

Regarding **claim 16**, the combination of Okada et al, Morinaga et al and Yamauchi et al does not disclose the apparatus, wherein said industrial transmission connector and protocol is a USB connector and protocol.

However Casazza teaches the apparatus, wherein said industrial transmission connector and protocol is a USB connector and protocol (figure 2, col 3, lines 16 – 25)

It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the apparatus, wherein said industrial transmission connector and protocol is a USB connector and protocol as taught by Casazza in the combined

system of Okada et al, Morinaga et al and Yamauchi et al in order to provide ease of use with an industry standard protocol.

***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure

Werner et al (US 6767253) discloses a media-component docking system

Obitsu (US 6996731) discloses a method and apparatus for controlling a supply of power in an electronic apparatus using a combination of plurality of detachable units.

Schweidler et al (US 6618832) discloses a method and bus interface employing a memory in an integrated circuit which is used to link a bus with an application device to be controlled by the bus.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Syed Y. Hasan whose telephone number is 571-270-1082. The examiner can normally be reached on 9/8/5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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08/07/2007

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